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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Prakash
Serial No. 10/613,446

Examiner: R. Raavis
Art Unit: 2856

Filed: July 3, 2003

Atty Docket No. 061450-0304606
D-101-D2

**Title: Atomic Force Microscopy Measures of Contact Resistance And
Current-Dependent Stiction**

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via facsimile to 703-872-9306 Group Art Unit 2856, Asst. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on January 31, 2005

By

[Signature]
John D. Datta

RESPONSE TO OFFICE ACTION

MAIL STOP NON-FEE AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

This is a response to the Office Action mailed September 30, 2004.

Request for Extension of Time

Applicant requests a one-month extension of time from December 30, 2004 to the date hereof to submit this Response. The Commissioner is authorized to charge Deposit Account. 50-2213 (Order No. 061450-0304606 for the requisite one-month small entity extension fee of \$60.00.

Please amend the application as follows:

10/613,446

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 10/013,496			
CLAIMS AS FILED – PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE	RATE	FEE		
BASIC FEE (37 CFR 1.16(a))					\$		\$		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =			X \$		X \$			
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =			X \$		X \$			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$		+ \$			
				TOTAL		TOTAL			
* If the difference in column 1 is less than zero, enter "0" in column 2.									
CLAIMS AS AMENDED – PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE		
	Total (37 CFR 1.16(c))	Minus		X \$		X \$			
	Independent (37 CFR 1.16(b))	Minus		X \$		X \$			
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			+ \$		+ \$			
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE		
	Total (37 CFR 1.16(c))	Minus		X \$		X \$			
	Independent (37 CFR 1.16(b))	Minus		X \$		X \$			
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			+ \$		+ \$			
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE		
	Total (37 CFR 1.16(c))	Minus		X \$		X \$			
	Independent (37 CFR 1.16(b))	Minus		X \$		X \$			
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			+ \$		+ \$			
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.